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HELLO AND WELCOME!

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IMPORTANCE OF Science Communications

R&D grounds the agency in world-class science and technology to advance the FS mission.

Science communication:

- Shines light on the relevancy of research
- Delivers research concepts, findings, and tools
- Makes a difference in policy, management, and public understanding



COMMUNICATION Basics

- Get to know your
 Communications AD and staf
- Why communicate?
- Models and theories
- Strategic communication planning



GET TO KNOW YOUR COMMS STAFF

The Sooner the Better



- Advice and strategic guidance
- Agency policy, manual direction, and guidelines
- Sensitive, controversial, or high-impact findings, publications, or products
- News media interviews and press releases
- Publications, videos, web content, and other products
- Social media (Facebook, Twitter, YouTube, Instagram)
- Technology transfer and conservation education



WHY SHOULD SCIENTISTS COMMUNICATE?

WHY Communicate?

- Encourage behaviors
 - Mitigating fire risk
- Transfer technology
 - Tools with high impact
- Use in management and policy
 - Walking the advocacy line
- Change attitudes
 - Through compelling storytelling



THINKING ABOUT HOW YOU COMMUNICATE

Helps you have the "right" answer



Nature.com

Right question, wrong answer?

COMMUNICATING Helps You...

- Stand out
- Lead out
- Make a difference!

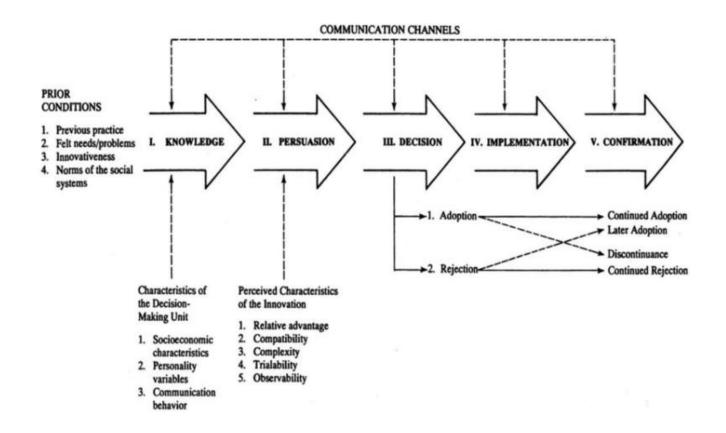


COMMUNICATION Models

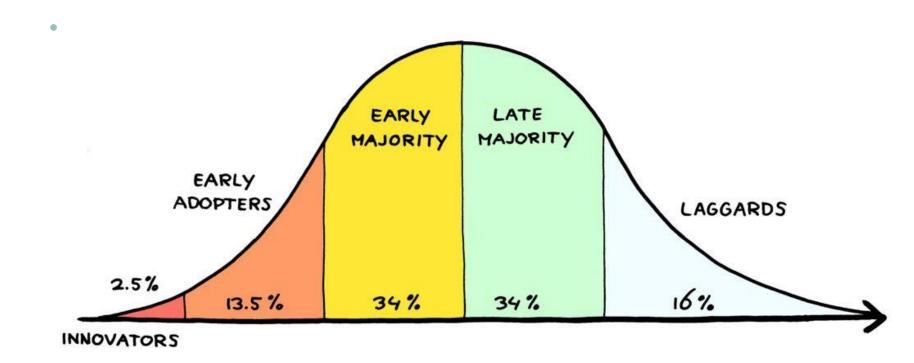


- One-way delivery of messages
- Two-way exchange of messages
- Diffusion: toward use of new concept, practice, or information
- Education: long-term process to transfer knowledge
- Dialogue: build relationships and networks that promote use of science

DIFFUSION Is A Process



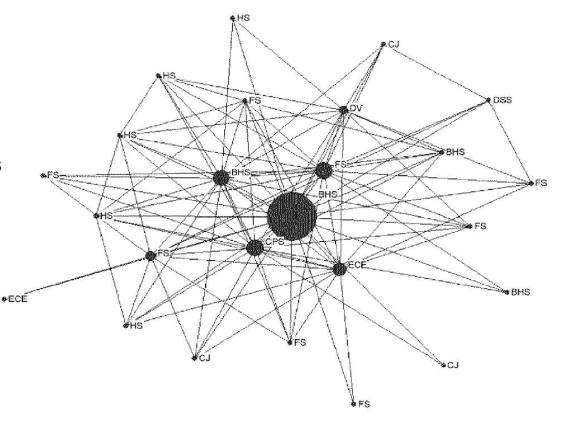
WE ALL ADOPT AT Different Rates



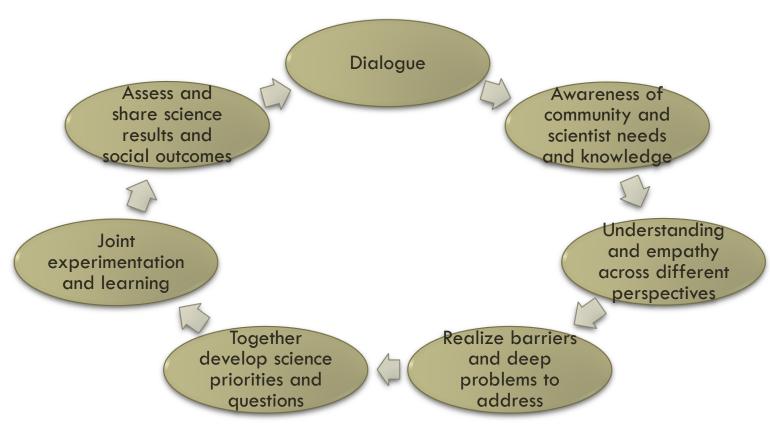
SOCIAL Networks

Nodes are individuals

- Influencers
- Well-connected
- Good communicators
- Networkers



SCIENTISTS AND Community Dialogue





Be intentional

STRATEGIC PLANNING

SET YOUR Intentions



1. Assess theories and models

- Pick favorite
- Adapt
- Shift depend on situation
- Update

2. Approach strategically

- Plan with big picture in mind
- Bring in communication experts

3. Connect

- Through campaigns, presentations, outreach, different platforms, etc.
- Examples to come

STRATEGIC COMMUNICATION Plan Components

- Purpose and scope
- Context
- Audience
- Goals and objectives
- Key Messages
- Work plan and tactics
- Budget
- Evaluating Results



EVALUATE WITH Metrics

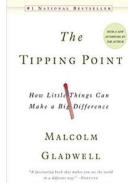
- Publication downloads or requests (Treesearch)
- Scientist profile views (Forest Service profile, Research Gate, Google Scholar)
- Queries for technical information and collaboration
- Interview requests
- Social media interactions and traffic
- Email listservs
- Solicited audience feedback



READINGS

- COMPASS "Message Box": online tool to help hone messages for your audience (www.compassscicomm.org/message-box-workbook)
- Experimental evidence for tipping points in social convention (2018)
 Science, Centola et al.
 (http://science.sciencemag.org/content/360/6393/1116)
- Environmental Communication: Skills and Principles for Natural Resource Managers, Scientists, and Engineers, 2nd Edition (2010), Richard Jurin et al.
- Communicating Forest Science (2014), Cindy Miner et al.
- Diffusion of Innovations, 5th Edition (2003), Everett M. Rogers
- Office of Communication "Hub" (https://usdagcc.sharepoint.com/sites/fs-wo-oc/SitePages/Home.aspx)







QUESTIONS?



